

Solve the given system using substitution and/or elimination. Classify the system as having one solution, no solutions, or infinite solutions. Check your answer both algebraically and graphically.

$$\begin{cases} 2y - 3x = 1 \\ y = -3 \end{cases}$$

Exercise 1 Classify this system as having one solution, no solutions, or infinite solutions.

Multiple Choice:

- (a) one solution ✓
- (b) no solutions
- (c) infinite solutions

Exercise 1.1 The solution to this system is $\left(\boxed{-\frac{7}{3}}, \boxed{-3}\right)$.
